Masahiro Konishi

List of Publications by Year
in descending order

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21 papers	1,948 citations	516710 16 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	3847 citing authors

#	Article	IF	Citations
1	Peripheral Insulin Regulates a Broad Network of Gene Expression in Hypothalamus, Hippocampus, and Nucleus Accumbens. Diabetes, 2021, 70, 1857-1873.	0.6	21
2	A xanthene derivative, DS20060511, attenuates glucose intolerance by inducing skeletal muscle-specific GLUT4 translocation in mice. Communications Biology, 2021, 4, 994.	4.4	4
3	Discovery of novel pyridazine derivatives as glucose transporter type 4 (GLUT4) translocation activators. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1785-1790.	2.2	17
4	Multi-dimensional Transcriptional Remodeling by Physiological Insulin InÂVivo. Cell Reports, 2019, 26, 3429-3443.e3.	6.4	62
5	Insulin signaling in the hippocampus and amygdala regulates metabolism and neurobehavior. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6379-6384.	7.1	138
6	Insulin regulates astrocyte gliotransmission and modulates behavior. Journal of Clinical Investigation, 2018, 128, 2914-2926.	8.2	138
7	Adipocyte Dynamics and Reversible Metabolic Syndrome in Mice with an Inducible Adipocyte-Specific Deletion of the Insulin Receptor. Cell Metabolism, 2017, 25, 448-462.	16.2	91
8	Adipose-derived circulating miRNAs regulate gene expression in other tissues. Nature, 2017, 542, 450-455.	27.8	1,107
9	Endothelial insulin receptors differentially control insulin signaling kinetics in peripheral tissues and brain of mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8478-E8487.	7.1	89
10	Synthesis and biological evaluation of novel imidazol-1-ylacetic acid derivatives as non-brain penetrant bombesin receptor subtype-3 (BRS-3) agonists. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4205-4210.	2.2	5
11	Synthesis and biological evaluation of novel chiral diazepine derivatives as bombesin receptor subtype-3 (BRS-3) agonists incorporating an antedrug approach. Bioorganic and Medicinal Chemistry, 2015, 23, 89-104.	3.0	18
12	Discovery of novel chiral diazepines as bombesin receptor subtype-3 (BRS-3) agonists with low brain penetration. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 750-755.	2.2	14
13	Synthesis and evaluation of novel stearoyl-CoA desaturase 1 inhibitors: 1â€²-{6-[5-(pyridin-3-ylmethyl)-1,3,4-oxadiazol-2-yl]pyridazin-3-yl}-3,4-dihydrospiro[chromene-2,4â€²-piperidine] analogs. European Journal of Medicinal Chemistry, 2010, 45, 4788-4796.	5.5	30
14	Novel benzoylpiperidine-based stearoyl-CoA desaturase-1 inhibitors: Identification of 6-[4-(2-methylbenzoyl)piperidin-1-yl]pyridazine-3-carboxylic acid (2-hydroxy-2-pyridin-3-ylethyl)amide and its plasma triglyceride-lowering effects in Zucker fatty rats. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 341-345.	2.2	25
15	Novel spiropiperidine-based stearoyl-CoA desaturase-1 inhibitors: Identification of 1â€²-{6-[5-(pyridin-3-ylmethyl)-1,3,4-oxadiazol-2-yl]pyridazin-3-yl}-5-(trifluoromethyl)-3,4-dihydrospiro[chromene-2,4â€²-piperidine]. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 746-754.	2.2	28
16	Novel and potent inhibitors of stearoyl-CoA desaturase-1. Part II: Identification of 4-ethylamino-3-(2-hydroxyethoxy)-N-[5-(3-trifluoromethylbenzyl)thiazol-2-yl]benzamide and its biological evaluation. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 4159-4166.	2.2	27
17	The median preoptic nucleus is involved in the facilitation of heat-escape/cold-seeking behavior during systemic salt loading in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R150-R159.	1.8	19
18	Attenuation of metabolic heat production and coldâ€escape/warmâ€seeking behaviour during a cold exposure following systemic salt loading in rats. Journal of Physiology, 2003, 551, 713-720.	2.9	16

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19	Effects of fasting on thermoregulatory processes and the daily oscillations in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 284, R1486-R1493.	1.8	42
20	Systemic salt loading decreases body temperature and increases heatâ€escape/coldâ€seeking behaviour via the central AT 1 and V 1 receptors in rats. Journal of Physiology, 2002, 545, 289-296.	2.9	17
21	Increased heat-escape/cold-seeking behavior following hypertonic saline injection in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R1031-R1036.	1.8	16